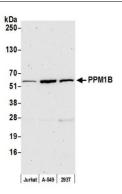
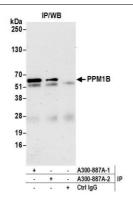
## PPM1B Antibody

Rabbit Polyclo	onal				
Antigen Affinity Purified			Protein ID	NP_002697.1	
Catalog No. A300–887A		GenelD	5495		
Lot No.	ot No. A300-887A-2				LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl			
CONCENTRATION		200 µg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to PPM1B immobilized on solid support.			
		The epitope recognized by A300-887A maps to a region between residue 450 and the C- terminus (residue 479) of human Protein Phosphatase 1B, Magnesium-Dependent, Beta Isoform using the numbering given in entry NP_002697.1 (GeneID 5495).			
		Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.			
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.			
		Western Blot	1:2	2,000 - 1:10,000	
		Immunoprecip	itation 2 -	10 µg/mg lysate	
APPLICATION NOTES		Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
ADDITIONAL INFO		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. https://www.bethyl.com/product/A300-887A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol https://www.bethyl.com/content/protocol_IP_WB			

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: October 1, 2019

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**Detection of human PPM1B by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from Jurkat, A-549, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PPM1B antibody A300-887A (lot A300-887A-2) used for WB at 0.04  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds. Detection of human PPM1B by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-PPM1B antibody A300-887A (lot A300-887A-2) used for IP at 6 µg per reaction. PPM1B was also immunoprecipitated by a previous lot of this antibody (lot A300-887A-1). For blotting immunoprecipitated PPM1B, A300-887A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.